

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
ABIOS.035AAPPLICATION NO.  
10/713,479INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Liu et al.FILING DATE  
November 14, 2003GROUP  
Unassigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
RTC	1	6,180,350	01/30/01	Netzel	435	6	
	2	5,597,910	01/28/97	Gudibande et al.	536	24.3	
	3	5,811,236	09/22/98	Massey et al.	435	6	
	4	4,293,310	10/06/81	Weber	23	230	
	5	5,858,676	01/12/99	Yang et al.	435	6	
	6	6,352,824	03/05/02	Buck, Jr. et al.	435	4	05/28/1999
	7	2001/0008612	07/19/01	Liljestrand et al.	422	52	
	8	6,325,973	12/04/01	Leland et al.	422	52	
	9	6,165,708	12/26/00	Liang et al.	435	4	
	10	6,120,986	09/19/00	Martin	435	4	
	11	6,316,180	11/13/01	Martin	435	4	01/04/1995
	12	6,316,607	11/13/01	Massey et al.	536	22.1	04/30/1986
	13	6,200,531	03/13/01	Liljestrand et al.	422	52	05/11/1998
	14	5,945,344	08/31/99	Hayes et al.	436	172	
	15	6,132,955	10/17/00	Talley et al.	435	4	
	16	4,699,978	10/13/87	Barton	536	27	
	17	5,112,974	05/12/92	Barton	546	4	
	18	5,439,794	08/08/95	Barton	435	6	
	19	5,157,032	10/20/92	Barton	514	185	
	20	4,721,669	01/26/88	Barton	435	6	
	21	4,980,473	12/25/90	Barton	546	10	
	22	5,225,556	07/06/93	Barton	546	88	
	23	6,031,098	02/29/00	Barton et al.	546	2	
	24	6,306,601	10/23/01	Barton et al.	435	6	
	25	6,444,661	09/03/02	Barton et al.	514	185	08/11/1998
RTC	26	6,221,586	04/24/01	Barton et al.			04/08/1998

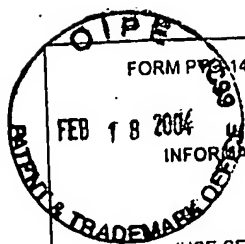
EXAMINER

/Robert Crow/

DATE CONSIDERED

05/22/2006

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
RTC	27	WO 86/02734	05/09/86	PCT	G01N	33/53		X
RTC	28	WO 96/06946	03/07/96	PCT	C12Q	1/00		X
	<del>29</del>	<del>EP 0 340 605 A2</del>	<del>11/08/89</del>	<del>EPO</del>	<del>G07H</del>	<del>24/00</del>		<del>X</del>

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL		
RTC	30	Lowe, Lisa Bizzell "Synthesis and Characterization of a Dye Sensitizing Molecule for Photoelectrochemical DNA Hybridization Detection" Masters Thesis, North Carolina State University, July 2002, page 55 to end

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Timothy Z. Liu, et al.FILING DATE  
November 14, 2003GROUP  
1634

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
RTC	5,770,369	06/23/98	MEADE ET AL.			
RTC	6,264,825	07/24/01	BLACKBURN ET AL.			
RTC	6,288,221	09/11/01	GRINSTAFF ET AL.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
RTC	WO 99/67628	29/12/99	PCT				

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
RTC	International Search Report; PCT/US03/36197; filing date 14/11/2003 in 2 pages.
RTC	Dilsat, Ozkan; Kara, Pinar; Kerman, Kagan; Meric, Burcu; Erdem, Arzum; Jelen, Frantisek; Nielsen, Peter E; and Ozosz, Mehmet; <i>Bioelectrochemistry</i> 58, "DNA AND PNA SENSING ON MERCURY AND CARBON ELECTRODES BY USING METHYLENE BLUE AS AN ELECTROCHEMICAL LABEL"; 6, May 2002; 119-126.

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